

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110618\
 Data File : VR026193.D
 Acq On : 6 Nov 2018 16:16
 Operator : SY/MD
 Sample : i5801-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D05

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 10:01:04 AM

Quant Time: Nov 06 17:39:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 06 15:50:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.22	114	628742m	5.00	ug/L	-2.24
28) Chlorobenzene-d5	10.94	117	554833m	5.00	ug/L	-0.35
60) 1,4-Dichlorobenzene-d4	13.15	152	239713	5.00	ug/L	-0.08

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	123	0.00	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	2.62	69	87	0.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	3.61	63	204	0.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	6.78	46	88	0.02	ug/L	0.19
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.04%#
24) Chloroform-d	7.26	84	1342	0.02	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.40%#
26) 1,2-Dichloroethane-d4	7.25	65	129592m	3.56	ug/L	-0.65
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
32) Benzene-d6	7.33	84	37972m	0.21	ug/L	-0.52
Spiked Amount	5.000	Range	70 - 125	Recovery	=	4.20%#
36) 1,2-Dichloropropane-d6	8.89	67	248	0.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.20%#
41) Toluene-d8	9.96	98	224	0.00	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	10.26	79	379	0.03	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.60%#
46) 2-Hexanone-d5	10.57	63	218	0.06	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.12%#
57) 1,1,2,2-Tetrachloroethane-	12.23	84	89534	4.96	ug/L	-0.13
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	13.45	152	204810	5.41	ug/L	-0.07
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	7.32	56	143703	1.888	ug/L	# 32
51) Chlorobenzene	10.97	112	4491178m	36.922	ug/L	
52) Ethylbenzene	11.09	91	5971842m	23.635	ug/L	
53) m,p-Xylene	11.22	106	3263384m	35.449	ug/L	
54) o-Xylene	11.61	106	574754	6.810	ug/L	94
56) Isopropylbenzene	11.96	105	494704	2.110	ug/L	98
62) 1,3-Dichlorobenzene	13.08	146	44688m	0.561	ug/L	
63) 1,4-Dichlorobenzene	13.16	146	168402	2.042	ug/L	93
65) 1,2-Dichlorobenzene	13.47	146	474217	7.420	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

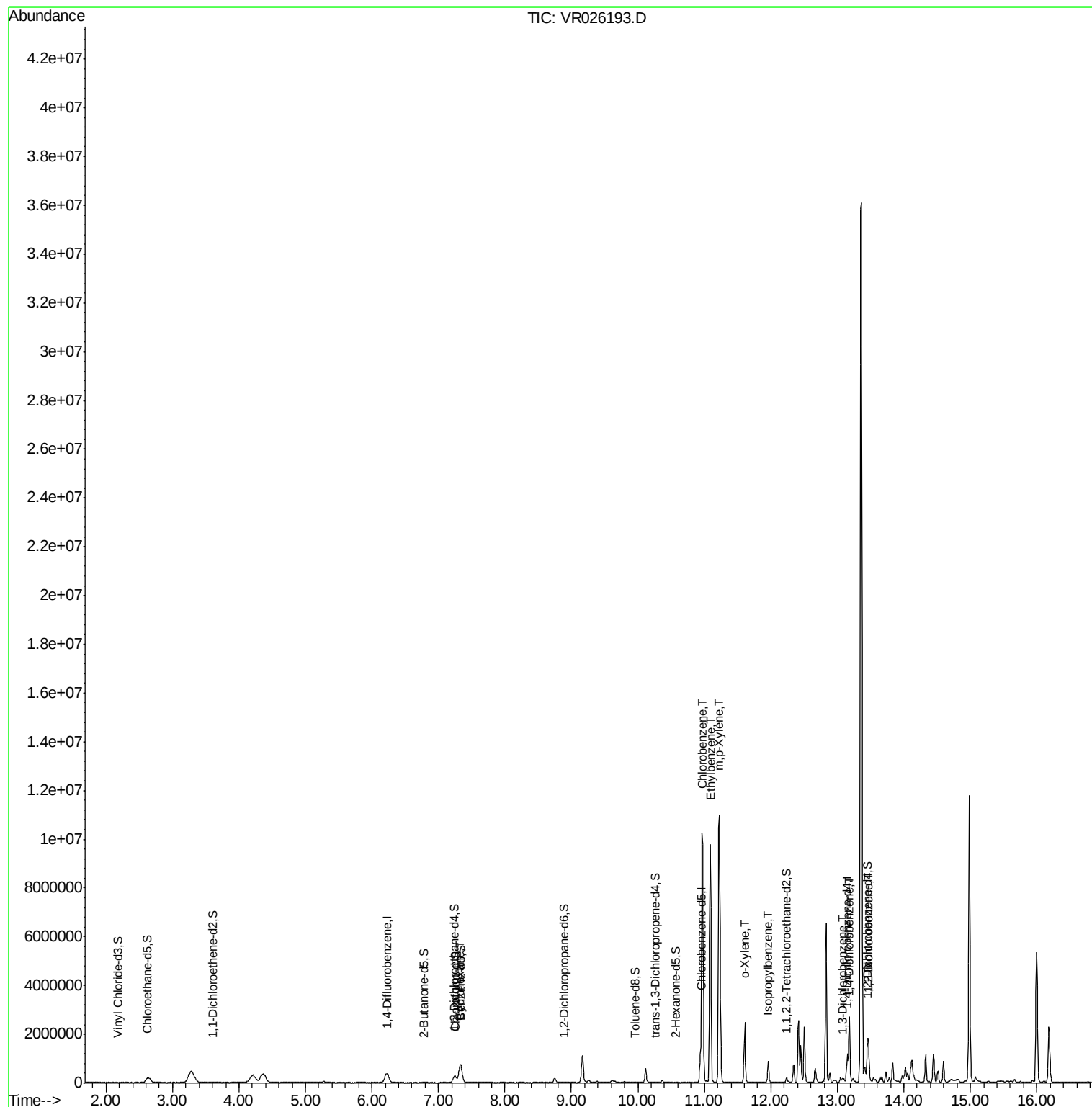
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110618\
Data File : VR026193.D
Acq On : 6 Nov 2018 16:16
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Misc : 25mL/MSVOA R/WATER
ALS Vial : 10 Sample Multiplier: 1

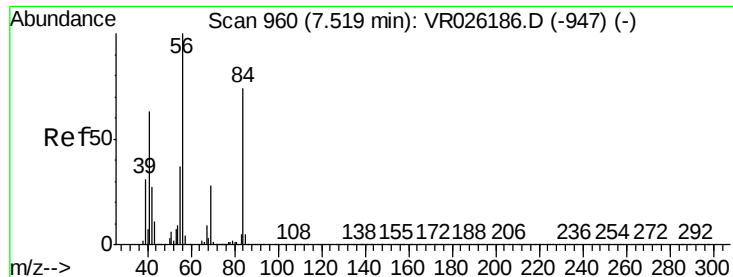
Instrument :
MSVOA_R
ClientSampleId :
F9D05

Manual Integrations
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Quant Time: Nov 06 17:39:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
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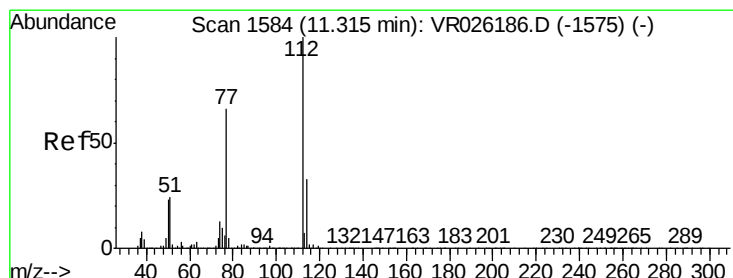
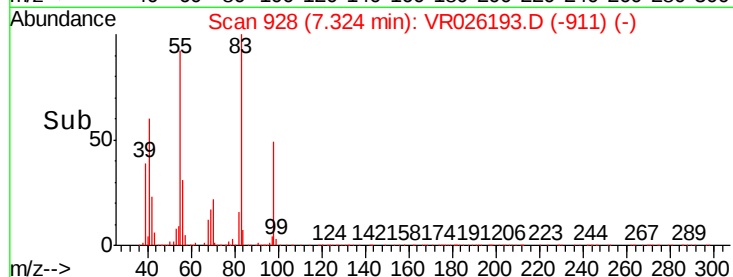
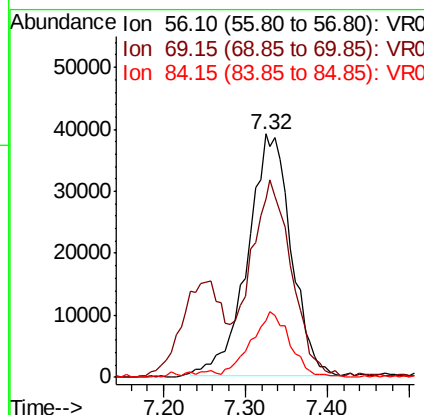
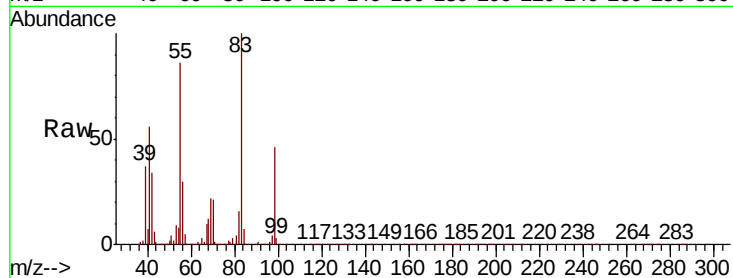
#30
Cyclohexane
Concen: 1.888 ug/L
RT: 7.32 min Scan# 928
Delta R.T. -0.19 min
Lab File: VR026193.D
Acq: 6 Nov 2018 16:16

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tot Ion	Ratio	Lower	Upper
56	100		
69	75.5	23.8	35.8#
84	24.0	62.2	93.4#

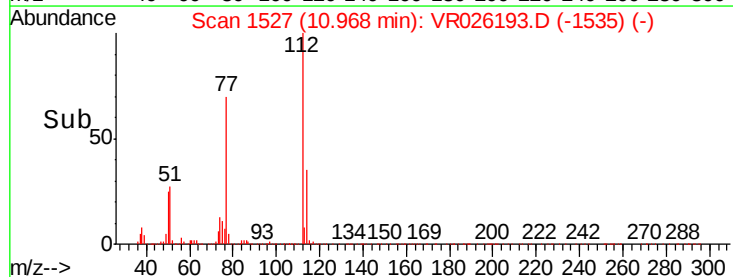
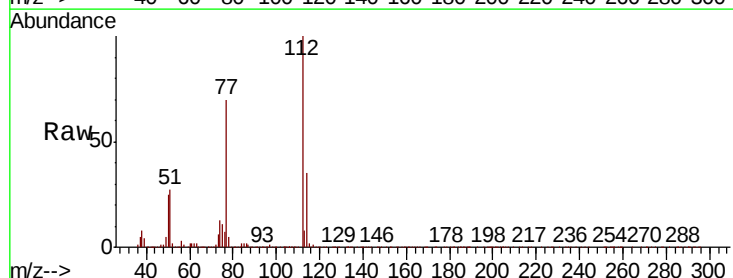
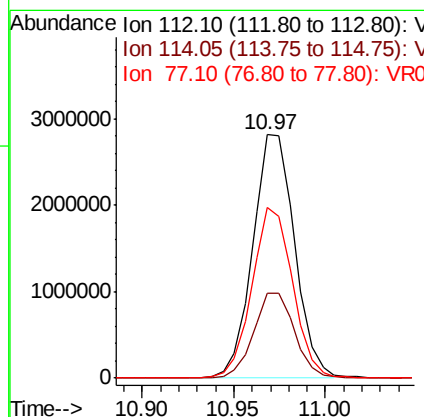
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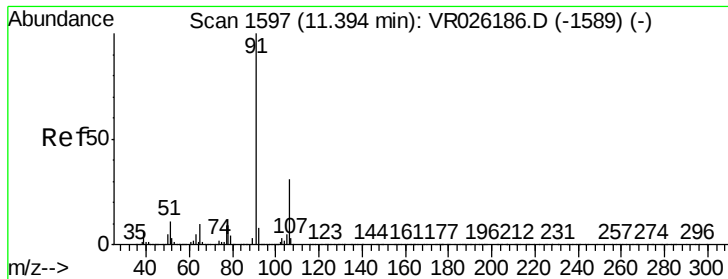
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#51
Chlorobenzene
Concen: 36.922 ug/L m
RT: 10.97 min Scan# 1527
Delta R.T. -0.35 min
Lab File: VR026193.D
Acq: 6 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.8	22.8	42.4
77	70.0	51.5	77.3





#52

Ethylbenzene

Concen: 23.635 ug/L m

RT: 11.09 min Scan# 1547

Delta R.T. -0.30 min

Lab File: VR026193.D

Acq: 6 Nov 2018 16:16

Instrument :

MSVOA_R

ClientSampleId :

F9D05

Tot Ion: 91 Resp: 5971842

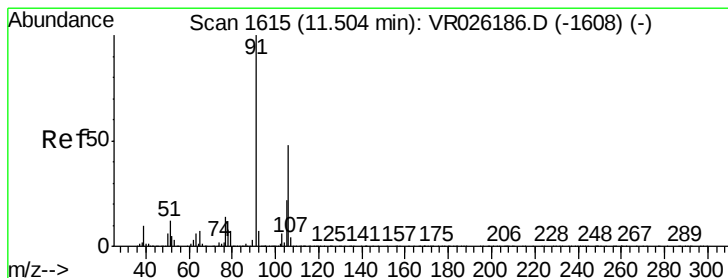
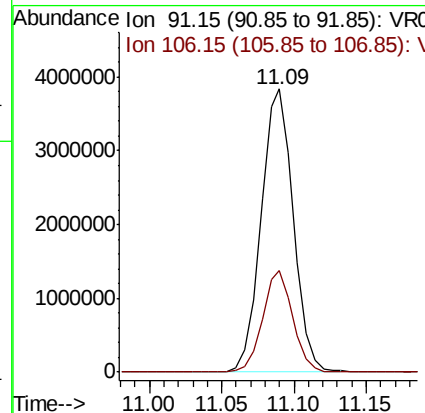
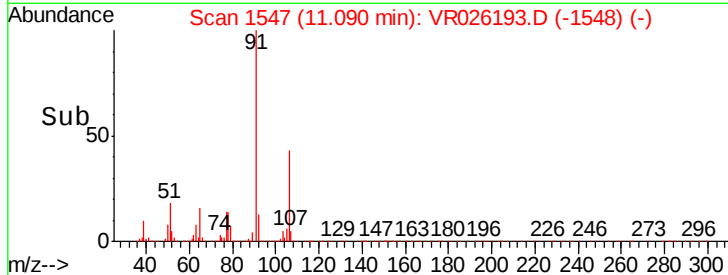
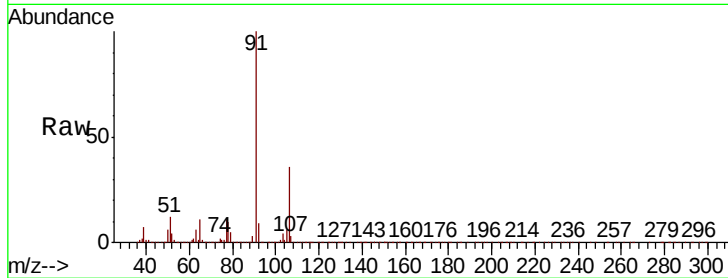
Ion Ratio Lower Upper

91 100

106 36.1 21.2 39.4

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#53

m,p-Xylene

Concen: 35.449 ug/L m

RT: 11.22 min Scan# 1569

Delta R.T. -0.28 min

Lab File: VR026193.D

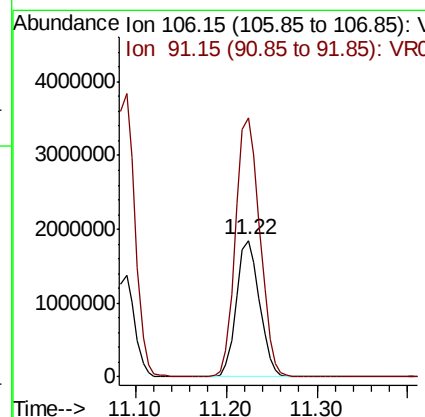
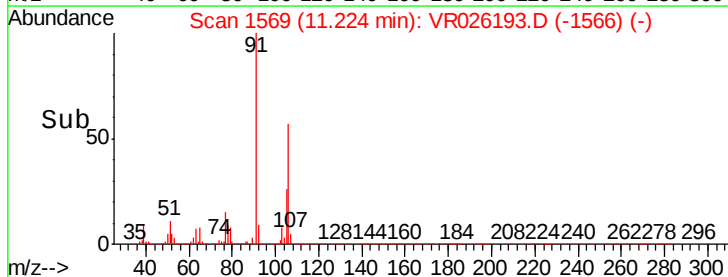
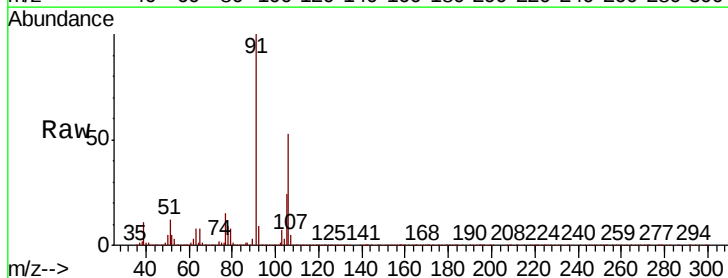
Acq: 6 Nov 2018 16:16

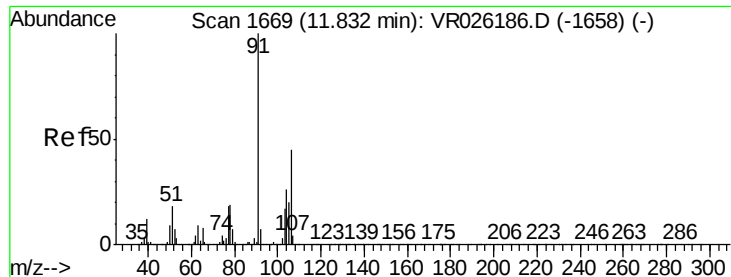
Tgt Ion: 106 Resp: 3263384

Ion Ratio Lower Upper

106 100

91 190.0 145.3 269.8





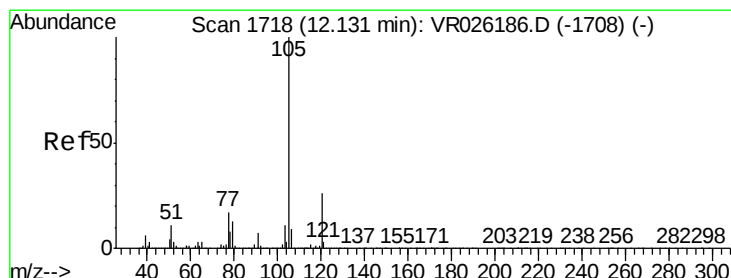
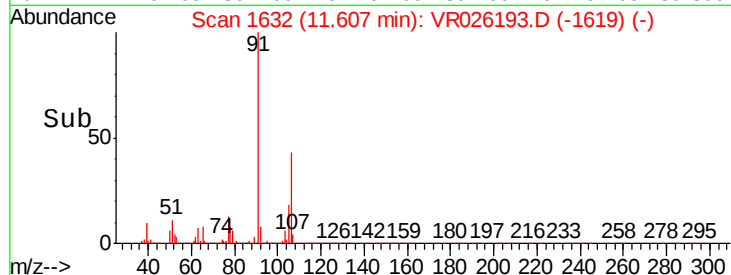
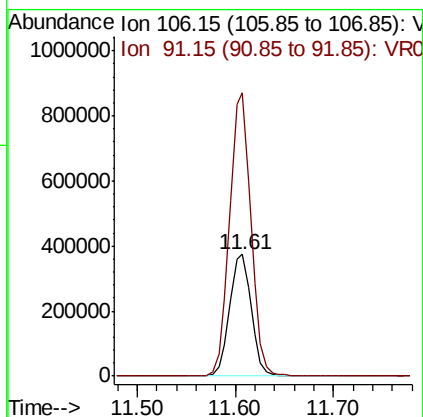
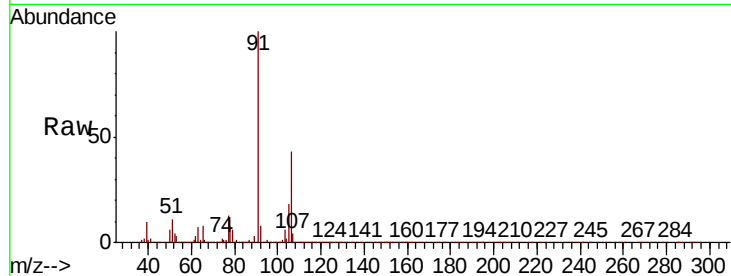
#54
o-Xylene
Concen: 6.810 ug/L
RT: 11.61 min Scan# 1632
Delta R.T. -0.22 min
Lab File: VR026193.D
Acq: 6 Nov 2018 16:16

Instrument :
MSVOA_R
ClientSampleID :
F9D05

Tot Ion	Ratio	Lower	Upper
106	100		
91	232.9	155.8	289.3

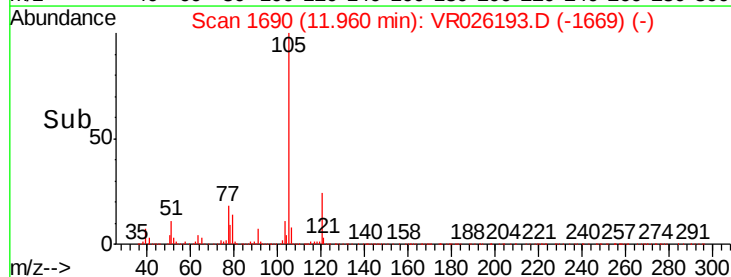
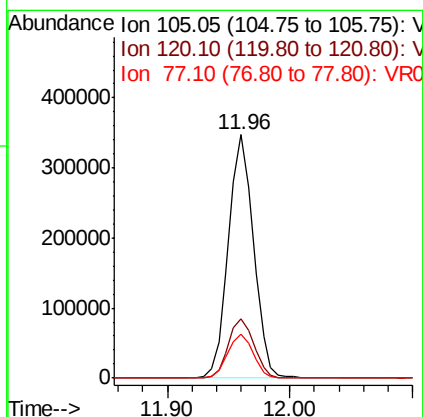
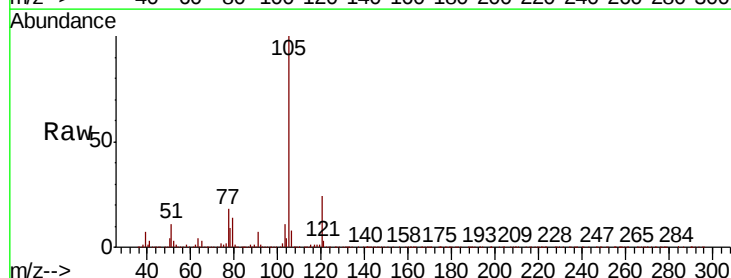
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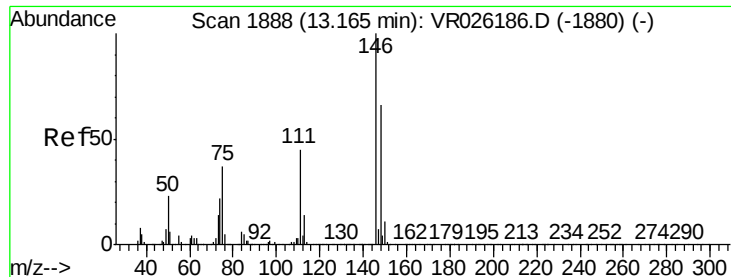
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#56
Isopropylbenzene
Concen: 2.110 ug/L
RT: 11.96 min Scan# 1690
Delta R.T. -0.17 min
Lab File: VR026193.D
Acq: 6 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.0	31.4
77	18.3	14.6	21.8





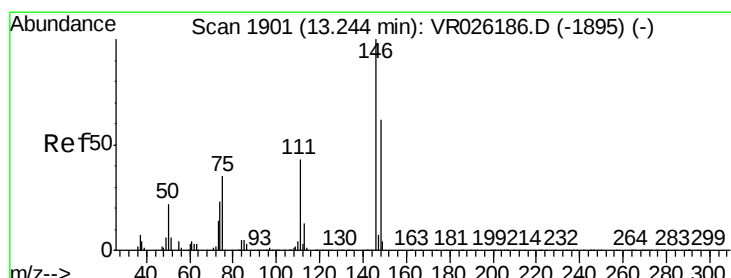
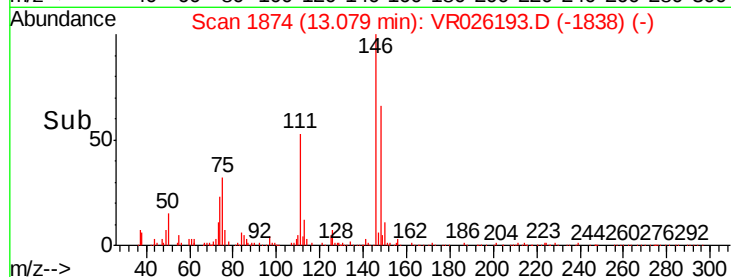
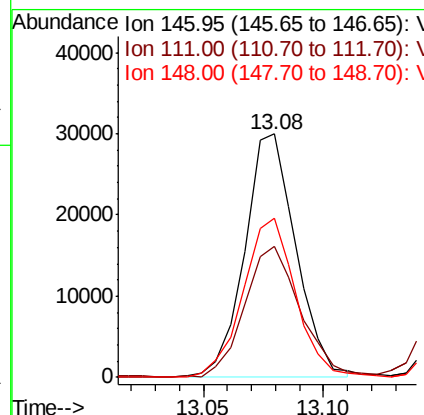
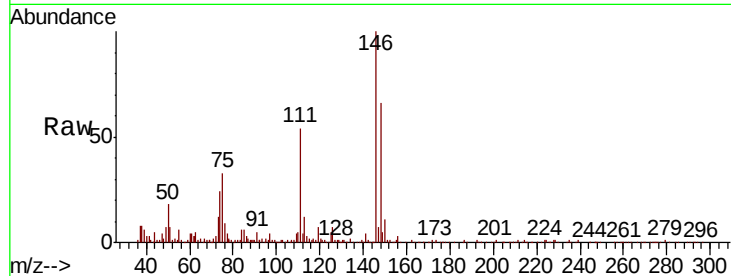
#62
 1,3-Dichlorobenzene
 Concen: 0.561 ug/L m
 RT: 13.08 min Scan# 1874
 Delta R.T. -0.08 min
 Lab File: VR026193.D
 Acq: 6 Nov 2018 16:16

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D05

Tot Ion	Ratio	Lower	Upper
146	100		
111	53.7	32.1	59.7
148	65.5	43.8	81.3

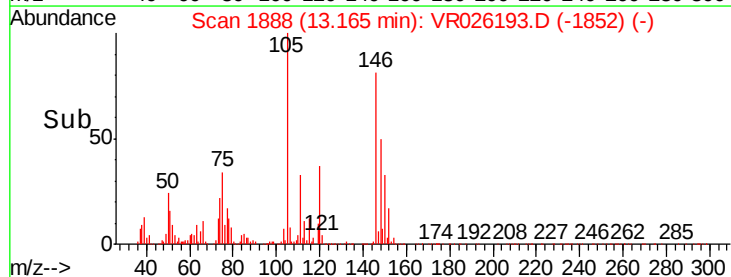
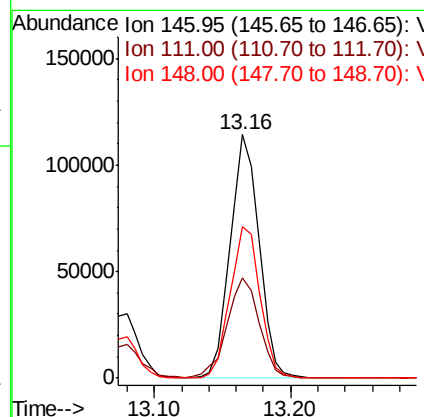
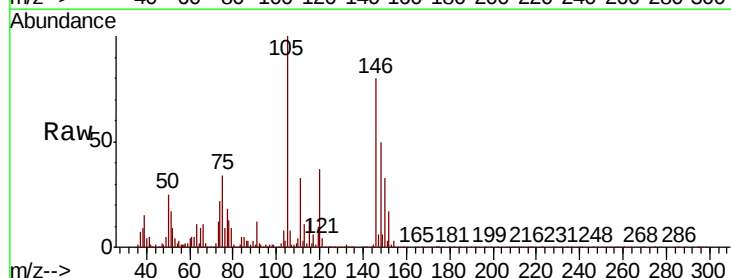
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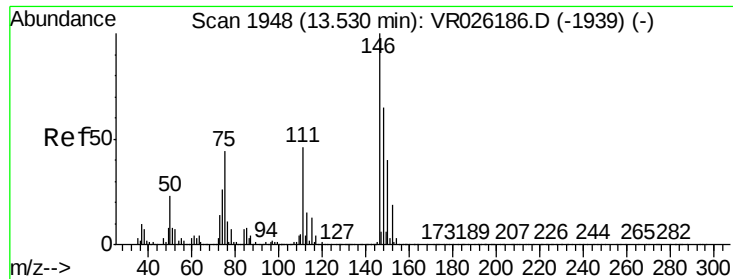
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#63
 1,4-Dichlorobenzene
 Concen: 2.042 ug/L
 RT: 13.16 min Scan# 1888
 Delta R.T. -0.08 min
 Lab File: VR026193.D
 Acq: 6 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	32.6	60.6
148	62.3	46.7	86.7





#65
 1,2-Dichlorobenzene
 Concen: 7.420 ug/L
 RT: 13.47 min Scan# 1938
 Delta R.T. -0.06 min
 Lab File: VR026193.D
 Acq: 6 Nov 2018 16:16

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D05

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	35.2	52.8
148	62.1	51.2	76.8

Manual Integrations
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